

## VIP-7-12 Valve regulated Sealed Lead-Acid Battery



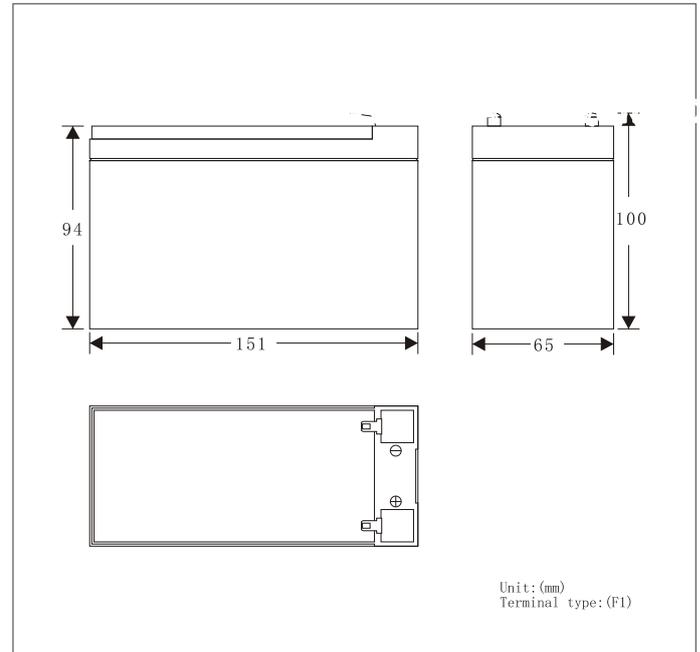
### ■ Specifications

Nominal Voltage		12 V
Rated Capacity (20 hours Rate)		7.0 Ah
Dimension	Total Height (with Terminals)	100 mm
	Length	151 mm
	Width	65 mm
	Height	94 mm
Weight aprox.		2.13 kg

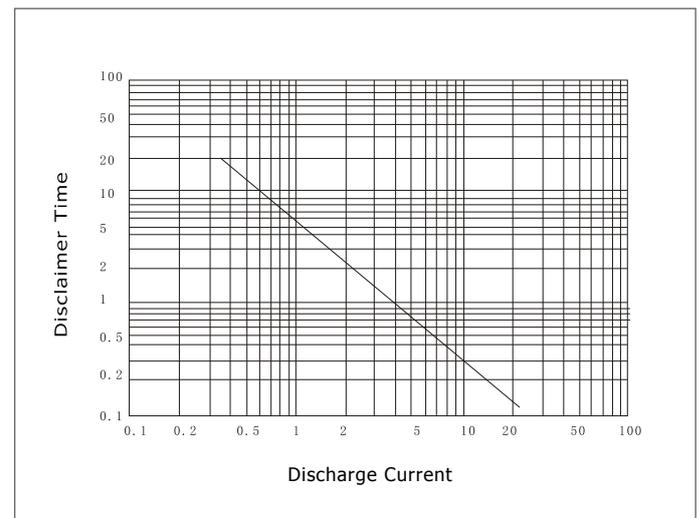
### ■ Characteristics

Capacity (25°)	20 hrs rate (0.35A)	7.0 Ah
Discharge Current Testing (25°)	20I <sub>20</sub> Rate (7A, 27 min)	27 min
	60I <sub>20</sub> Rate (21A, 7 min)	7 min
Internal Resistance	Full charged Battery 25°C	25 mΩ
Capacity affected by Temperature (20 hours rate)	40°C	102%
	25°C	100%
	0°	85%
	-15°C	62%
Residual Capacity (25°)	Capacity after 3 months storage	61%
	Capacity after 6 months storage	82%
	Capacity after 12 months storage	64%
Cycle (Above 300 times)	Discharge 2 hrs at 1.75 A current Charge 6 hrs at 0.7 A current (25°C)	
Charge (Constant Voltage)	Cycle (25°)	Initial charging current less than 2.1 A Voltage 14.5~14.9V
	Float (25°)	charge Voltage 1.6~13.8V

\*The above are average and date obtained from the first 3 charge/discharge cycles. These are not minimum values.



### ■ Discharge Current & Duration Time



### ■ Discharge Curves 25°C

